



FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 0652 2260001/EKS/AES	APPLICATION NO. 09/881,736	
		APPLICANT GLOTZER et al.		
		FILING DATE June 18, 2001	GROUP 1693-1646	

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLI	AR	1	Adams, R.R. et al., "pavarotti encodes a kinesin-like protein required to organize the central spindle and contractile ring for cytokinesis," <i>Genes Dev.</i> 12:1483-1494, Cold Spring Harbor Laboratory Press (1998).
RLI	AS	1	Aktories, K. and Hall, A., "Botulinum ADP-ribosyltransferase C: a new tool to study low molecular weight GTP-binding proteins," <i>Trends Pharmacol. Sci.</i> 10:415-418, Elsevier Science Publishers Ltd. (1989).
RLI	AT	1	Bosher, J.M. and Labouesse, M., "RNA interference: genetic wand and genetic watchdog," <i>Nat. Cell Biol.</i> 2:E31-E36, Macmillan Publishers, Ltd. (February 2000).

EXAMINER	Ruijiang Lu	DATE CONSIDERED
		6/2/2004

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	2	Boulianne, G.L. et al., "Production of functional chimaeric mouse/human antibody," <i>Nature</i> 312:643-646, Macmillan Publishing Group, Ltd. (1984).
RLi	AS	2	Busson, S. et al., "Dynein and dyneactin are localized to astral microtubules and at cortical sites in mitotic epithelial cells," <i>Curr. Biol.</i> 8:541-544, Current Biology Ltd. (1998).
RLi	AT	2	Cao, L.-g. and Wang, Y.-l., "Signals from the Spindle Midzone Are Required for the Stimulation of Cytokinesis in Cultured Epithelial Cells," <i>Mol. Biol. Cell</i> 7:225-232, The American Society for Cell Biology (1996).

EXAMINER <i>Revising L.</i>	DATE CONSIDERED <i>6/2/2004</i>
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RLI	AR	3	Carmena, M. et al., "Drosophila Polo Kinase Is Required for Cytokinesis," <i>J. Cell Biol.</i> 143:659-671, The Rockefeller University Press (1998).
RLI	AS	3	Carminati, J.L. and Stearns, T., "Microtubules Orient the Mitotic Spindle in Yeast through Dynein-dependent Interactions with the Cell Cortex," <i>J. Cell Biol.</i> 138:629-641, The Rockefeller University Press (1997).
RLI	AT	3	Case, R.B. et al., "Role of the kinesin neck linker and catalytic core in microtubule-based motility," <i>Curr. Biol.</i> 10:157-160, Elsevier Science Ltd. (January 2000).

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RL	AR	4	Castrillon, D.H. and Wasserman, S.A., "diaphanous is required for cytokinesis in <i>Drosophila</i> and shares domains of similarity with the products of the limb deformity gene," <i>Development</i> 120:3367-3377, The Company of Biologists Limited (1994).
RL	AS	4	Chang, F. et al., "cdc12p, a Protein Required for Cytokinesis in Fission Yeast, Is a Component of the Cell Division Ring and Interacts with Profilin," <i>J. Cell Biol.</i> 137:169-182, The Rockefeller University Press (1997).
RL	AT	4	Chui, K.K. et al., "Roles of Two Homotetrameric Kinesins in Sea Urchin Embryonic Cell Division," <i>J. Biol. Chem.</i> 275:38005-38011, The American Society for Biochemistry and Molecular Biology, Inc. (December 2000).

EXAMINER	Ruining L.	DATE CONSIDERED	6/2/2004
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RL	AR	5	Drechsel, D.N. et al., "A requirement for Rho and Cdc42 during cytokinesis in <i>Xenopus</i> embryos," <i>Curr. Biol.</i> 7:12-23, Current Biology Ltd. (1996).
RL	AS	5	Dutartre, H. et al., "Cytokinesis arrest and redistribution of actin-cytoskeleton regulatory components in cells expressing the Rho GTPase CDC42Hs," <i>J. Cell Sci.</i> 109:367-377, The Company of Biologists Limited (1996).
RL	AT	5	Echard, A. et al., "Interaction of a Golgi-Associated Kinesin-Like Protein with Rab6," <i>Science</i> 279:580-585, The American Association for the Advancement of Science (1998).

EXAMINER	RE: <i>Remaining L</i>	DATE CONSIDERED	6/2/2004
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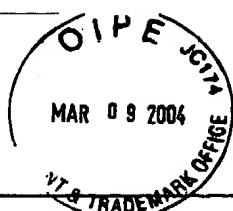
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	6	Eckley, D.M. et al., "Chromosomal Proteins and Cytokinesis: Patterns of Cleavage Furrow Formation and Inner Centromere Protein Positioning in Mitotic Heterokaryons and Mid-anaphase Cells," <i>J. Cell Biol.</i> 136:1169-1183, The Rockefeller University Press (1997).
RLi	AS	6	Evangelista, M. et al., "Bnlp, a Yeast Formin Linking Cdc42p and the Actin Cytoskeleton During Polarized Morphogenesis," <i>Science</i> 276:118-122, The American Association for Advancement of Science (1997).
RLi	AT	6	Field, C. et al., "Cytokinesis in eukaryotes: a mechanistic comparison," <i>Curr. Opin. Cell Biol.</i> 11:68-80, Elsevier Science Ltd. (February 1999).

EXAMINER	Ruihang Li	DATE CONSIDERED	6/2/2004
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RL	AR	7	Fire, A. et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," <i>Nature</i> 391:806-811, Macmillan Publishers, Ltd. (1998).
RL	AS	7	Fire, A., "RNA-triggered gene silencing," <i>Trends Genet.</i> 15:358-363, Elsevier Science Ltd. (September 1999).
RL	AT	7	Fontijn, R.D. et al., "The Human Kinesin-Like Protein RB6K Is under Tight Cell Cycle Control and Is Essential for Cytokinesis," <i>Mol. Cell. Biol.</i> 21:2944-2955, American Society for Microbiology (April 2001).

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RL	AR	8	Fujiwara, T. et al., "Bnlp Regulates Microtubule-Dependent Nuclear Migration through the Actin Cytoskeleton in <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 19:8016-8027, American Society for Microbiology (December 1999).
RL	AS	8	Gentz, R. et al., "Bioassay for trans-activation using purified human immunodeficiency virus tat-encoded protein: Trans-activation requires mRNA synthesis," <i>Proc. Natl. Acad. Sci. USA</i> 86:821-824, The National Academy of Sciences (1989).
RL	AT	8	Giansanti, M.G. et al., "Cooperative interactions between the central spindle and the contractile ring during <i>Drosophila</i> cytokinesis," <i>Genes Dev.</i> 12:396-410, Cold Spring Harbor Laboratory Press (1998).

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Ruixiang L

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RLi	AR	9	Glotzer, M., "Cytokinesis," <i>Curr. Biol.</i> 7:R274-R276, Current Biology Ltd. (1997).
RLi	AS	9	Glotzer, M., "The mechanism and control of cytokinesis," <i>Curr. Opin. Cell Biol.</i> 9:815-823, Current Opinion Ltd. (1997).
RLi	AT	9	Gönczy, P. et al., "Dissection of Cell Division Processes in the One Cell Stage <i>Caenorhabditis elegans</i> Embryo by Mutational Analysis," <i>J. Cell Biol.</i> 144:927-946, The Rockefeller University Press (March 1999).

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RLi	AR	10	Gönczy, P. et al., "Cytoplasmic Dynein is Required for Distinct Aspects of MTOC Positioning, Including Centrosome Separation, in the One Cell Stage <i>Caenorhabditis elegans</i> Embryo," <i>J. Cell Biol.</i> 147:135-150, The Rockefeller University Press (October 1999).
RLi	AS	10	Graziano, R.F. et al. "Construction and Characterization of a Humanized Anti-γ-Ig Receptor Type I (FcγRI) Monoclonal Antibody," <i>J. Immunol.</i> 155:4996-5002, The American Association of Immunologists (1995).
RLi	AT	10	Hazlett, T.L. et al., "Solution Dynamics of p21 ^{ras} Proteins Bound with Fluorescent Nucleotides: A Time-Resolved Fluorescence Study," <i>Biochemistry</i> 32:13575-13583, American Chemical Society (1993).

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RL	AR	11	Hill, E. et al., "The Rab6-binding kinesin, Rab6-KIFL, is required for cytokinesis," <i>EMBO J.</i> 19:5711-5719, European Molecular Biology Organization (November 2000).
RL	AS	11	Hirose, K. et al., "MgcRacGAP Is Involved in Cytokinesis through Associating with Mitotic Spindle and Midbody," <i>J. Biol. Chem.</i> 276:5821-5828, The American Society for Biochemistry and Molecular Biology, Inc. (February 2001).
RL	AT	11	Hurley, J.H. and Meyer, T., "Subcellular targeting by membrane lipids," <i>Curr. Opin. Cell Biol.</i> 13:146-152, Elsevier Science Ltd. (April 2001).

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RL	AR	<u>12</u>	Hyman, A.A., "Centrosome Movement in the Early Divisions of <i>Caenorhabditis elegans</i> : A Cortical Site Determining Centrosome Position," <i>J. Cell Biol.</i> 109:1185-1193, The Rockefeller University Press (1989).
RL	AS	<u>12</u>	Hyman, A.A. and White, J.G., "Determination of Cell Division Axes in the Early Embryogenesis of <i>Caenorhabditis elegans</i> ," <i>J. Cell Biol.</i> 105:2123-2135, The Rockefeller University Press (1987).
RL	AT	<u>12</u>	Imamura, H. et al., "Bnlp and Bnrlp: downstream targets of the Rho family small G-proteins which interact with profilin and regulate actin cytoskeleton in <i>Saccharomyces cerevisiae</i> ," <i>EMBO J.</i> 16:2745-2755, Oxford University Press (1997).

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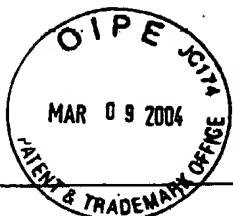
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RL	AR	13	Jantsch-Plunger, V. and Glotzer, M., "Depletion of syntaxins in the early <i>Caenorhabditis elegans</i> embryo reveals a role for membrane fusion events in cytokinesis," <i>Curr. Biol.</i> 9:738-745, Current Biology Ltd. (June 1999).
RL	AS	13	Jantsch-Plunger, V. et al., "CYK-4: A Rho Family GTPase Activating Protein (GAP) Required for Central Spindle Formation and Cytokinesis," <i>J. Cell Biol.</i> 149:1391-1404, The Rockefeller University Press (June 2000).
RL	AT	13	Kaitna, S. et al., "Incenp and an Aurora-like kinase form a complex essential for chromosome segregation and efficient completion of cytokinesis," <i>Curr. Biol.</i> 10:1172-1181, Elsevier Science Ltd. (September 2000).

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RLi	AR	<u>14</u>	Kishi, K. et al., "Regulation of Cytoplasmic Division of Xenopus Embryo by rho p21 and Its Inhibitory GDP/GTP Exchange Protein (rho GDI)," <i>J. Cell Biol.</i> 120:1187-1195, The Rockefeller University Press (1993).
RLi	AS	<u>14</u>	Kosako, H. et al., "Specific accumulation of Rho-associated kinase at the cleavage furrow during cytokinesis: cleavage furrow-specific phosphorylation of intermediate filaments," <i>Oncogene</i> 18:2783-2788, Stockton Press (April 1999).
RLi	AT	<u>14</u>	Kull, F.J. et al., "Crystal structure of the kinesin motor domain reveals a structural similarity to myosin," <i>Nature</i> 380:550-555, Macmillan Publishers Ltd. (1996).

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	15	Kuriyama, R. et al., "Heterogeneity and microtubule interaction of the CHO1 antigen, a mitosis-specific kinesin-like protein. Analysis of subdomains expressed in insect sf9 cells," J. Cell Sci. 107:3485-3499, The Company of Biologists Limited (1994).
RLi	AS	15	Lamarche, N. and Hall, A., "GAPs for rho-related GTPases," Trends Genet. 10:436-440, Elsevier Science Ltd. (1994).
RLi	AT	15	Larkin, K. and Danilchik, M.V., "Microtubules Are Required for Completion of Cytokinesis in Sea Urchin Eggs," Dev. Biol. 214:215-226, Academic Press (October 1999).

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	AM						Yes No
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLI	AR	16	Lee, K.S. et al., "Plk Is an M-Phase-Specific Protein Kinase and Interacts with a Kinesin-Like Protein, CH01/MKLP-1," <i>Mol. Cell. Biol.</i> 15:7143-7151, American Society for Microbiology (1995).
RLI	AS	16	Lewis, J.A. and Fleming, J.T., "Basic Culture Methods," <i>Methods Cell Biol.</i> 48:3-29, Academic Press, Inc. (1995).
RLI	AT	16	Mabuchi, I. et al., "A rho-like protein is involved in the organisation of the contractile ring in dividing sand dollar eggs," <i>Zygote</i> 1:325-331, Cambridge University Press (1993).

EXAMINER	Ruiping L	DATE CONSIDERED	6/2/2004
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	<u>17</u>	Mackay, A.M. et al., "A Dominant Mutant of Inner Centromere Protein (INCENP), a Chromosomal Protein, Disrupts Prometaphase Congression and Cytokinesis," <i>J. Cell Biol.</i> 140:991-1002, The Rockefeller University Press (1998).
RLi	AS	<u>17</u>	Martineau-Thuillier, S. et al., "Colocalization of TD-60 and INCENP throughout G2 and mitosis: evidence for their possible interaction in signalling cytokinesis," <i>Chromosoma</i> 107:461-470, Springer-Verlag (1998).
RLi	AT	<u>17</u>	Mastronarde, D.N. et al., "Interpolar Spindle Microtubules in PTK Cells," <i>J. Cell Biol.</i> 123:1475-1489, The Rockefeller University Press (1993).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	18	Mello, C.C. et al., "Efficient gene transfer in <i>C.elegans</i> : extrachromosomal maintenance and integration of transforming sequences," <i>EMBO J.</i> 10:3959-3970, Oxford University Press (1991).
RLi	AS	18	Miller, R.K. et al., "The Cortical Localization of the Microtubule Orientation Protein, Kar9p, Is Dependent upon Actin and Proteins Required for Polarization," <i>J. Cell Biol.</i> 144:963-975, The Rockefeller University Press (March 1999).
RLi	AT	18	Moorman, J.P. et al., "Inactivation of the Small GTP Binding Protein Rho Induces Multinucleate Cell Formation and Apoptosis in Murine T Lymphoma EL4," <i>J. Immunol.</i> 156:4146-4153, The American Association of Immunologists (1996).

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	19	Neuberger, M.S. et al., "Recombinant antibodies possessing novel effector functions," <i>Nature</i> 312:604-608, Macmillan Publishers Ltd. (1984).
RLi	AS	19	Nislow, C. et al., "A plus-end-directed motor enzyme that moves antiparallel microtubules in vitro localizes to the interzone of mitotic spindles," <i>Nature</i> 359:543-547, Macmillan Publishers Ltd. (1992).
RLi	AT	19	O'Connell, K.F. et al., "A Genetic Screen for Temperature-Sensitive Cell-Division Mutants of <i>Caenorhabditis elegans</i> ," <i>Genetics</i> 149:1303-1321 (1998).

EXAMINER	Ruibing Lin	DATE CONSIDERED
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AM						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	20	O'Connell, C.B. et al., "The Small GTP-binding Protein Rho Regulates Cortical Activities in Cultured Cells during Division," <i>J. Cell Biol.</i> 144:305-313, The Rockefeller University Press (January 1999).
RLi	AS	20	Okada, Y. and Hirokawa, N., "Mechanism of the single-headed processivity: Diffusional anchoring between the K-loop of kinesin and the C terminus of tubulin," <i>Proc. Natl. Acad. Sci. USA</i> 97:640-645, The National Academy of Sciences (January 2000).
RLi	AT	20	Powers, J. et al., "A nematode kinesin required for cleavage furrow advancement," <i>Curr. Biol.</i> 8:1133-1136, Current Biology Ltd. (1998).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	21	Prokopenko, S.N. et al., "A putative exchange factor for Rhol GTPase is required for initiation of cytokinesis in <i>Drosophila</i> ," <i>Genes Dev.</i> 13:2301-2314, Cold Spring Harbor Laboratory Press (September 1999).
RLi	AS	21	Raich, W.B. et al., "Cytokinesis and Midzone Microtubule Organization in <i>Caenorhabditis elegans</i> Require the Kinesin-like Protein ZEN-4," <i>Mol. Biol. Cell</i> 9:2037-2049, The American Society for Cell Biology (1998).
RLi	AT	21	Rappaport, R., "Repeated Furrow Formation From a Single Mitotic Apparatus in Cylindrical Sand Dollar Eggs," <i>J. Exp. Zool.</i> 234:167-171, Alan R. Liss, Inc. (1985).

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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	<u>22</u>	Reddien, P. and Horvitz, H.R., "CED-2/CrkII and CED-10/Rac control phagocytosis and cell migration in <i>Caenorhabditis elegans</i> ," <i>Nat. Cell Biol.</i> 2:131-136, Macmillan Publishers Inc. (March 2000).
RLi	AS	<u>22</u>	Rice, S. et al., "A structural change in the kinesin motor protein that drives motility," <i>Nature</i> 402:778-784, Macmillan Publishers Inc. (December 1999).
RLi	AT	<u>22</u>	Riechmann, L. et al., "Reshaping human antibodies for therapy," <i>Nature</i> 332:323-327, Macmillan Publishers Inc. (1988).

EXAMINER	Rushiang Lin	DATE CONSIDERED	6/2/04
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RL	AR	23	Rieder, C.L. et al., "Mitosis in vertebrate somatic cells with two spindles: Implications for the metaphase/anaphase transition checkpoint and cleavage," <i>Proc. Natl. Acad. Sci. USA</i> 94:5107-5112, The National Academy of Sciences (1997).
RL	AS	23	Sablin, E.P. et al., "Crystal structure of the motor domain of the kinesin-related motor ncd," <i>Nature</i> 380:555-559, Macmillan Publishers Inc. (1996).
RL	AT	23	Savoian, M.S. et al., "Cleavage Furrows Formed between Centrosomes Lacking an Intervening Spindle and Chromosomes Contain Microtubule Bundles, INCENP, and CHOL but Not CENP-E," <i>Mol. Biol. Cell</i> 10:297-311, The American Society for Cell Biology (February 1999).

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	AM						Yes No
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	<u>24</u>	Saxton, W.M. and McIntosh, J.R., "Interzone Microtubule Behavior in Late Anaphase and Telophase Spindles," <i>J. Cell Biol.</i> 105:875-886, The Rockefeller University Press (1987).
RLi	AS	<u>24</u>	Schumacher, J.M. et al., "AIR-2: An Aurora/Ipl1-related Protein Kinase Associated with Chromosomes and Midbody Microtubules Is Required for Polar Body Extrusion and Cytokinesis in <i>Caenorhabditis elegans</i> Embryos," <i>J. Cell Biol.</i> 143:1635-1646, The Rockefeller University Press (1998).
RLi	AT	<u>24</u>	Settleman, J. and Foster, R., "Purification and GTPase-Activating Protein Activity of Baculovirus Expressed p190," <i>Methods Enzymol.</i> 256:105-113, Academic Press, Inc. (1995).

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	AM						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	25	Severson, A.F. et al., "The Aurora-related kinase AIR-2 recruits ZEN-4/CeMKLP1 to the mitotic spindle at metaphase and is required for cytokinesis," <i>Curr. Biol.</i> 10:1162-1171, Current Biology Ltd. (September 2000).
RLi	AS	25	Sharp, D.J. et al., "Expression of a Kinesin-Related Motor Protein Induces Sf9 Cells to Form Dendrite-Like Processes with Nonuniform Microtubule Polarity Orientation," <i>J. Neurosci.</i> 16:4370-4375, Society for Neuroscience (1996).
RLi	AT	25	Sharp, P.A., "RNAi and double-strand RNA," <i>Genes Dev.</i> 13:139-141, Cold Spring Harbor Laboratory Press (January 1999).

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RLi	AR	<u>26</u>	Skop, A.R. and White, J.G., "The dynein complex is required for cleavage plane specification in early <i>Caenorhabditis elegans</i> embryos," <i>Curr. Biol.</i> 8:1110-1116, Current Biology Ltd. (1998).
RLi	AS	<u>26</u>	Sugihara, K. et al., "Rac1 is required for the formation of three germ layers during gastrulation," <i>Oncogene</i> 17:3427-3433, Stockton Press (1998).
RLi	AT	<u>26</u>	Sulston, J.E. and Horvitz, H.R., "Post-embryonic Cell Lineages of the Nematode, <i>Caenorhabditis elegans</i> ," <i>Dev. Biol.</i> 56:110-156, Academic Press, Inc. (1977).

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RLi	AR	27	Swan, K.A. et al., "cyk-1: a <i>C. elegans</i> FH gene required for a late step in embryonic cytokinesis," <i>J. Cell Sci.</i> 111:2017-2027, The Company of Biologists Ltd. (1998).
RLi	AS	27	Tatsumoto, T. et al., "Human ECT2 Is an Exchange Factor for Rho GTPases, Phosphorylated in G2/M phases, and Involved in Cytokinesis," <i>J. Cell Biol.</i> 147:921-927, The Rockefeller University Press (November 1999).
RLi	AT	27	Timmons, L., and Fire, A., "Specific interference by ingested dsRNA," <i>Nature</i> 395:854, Macmillan Publishers Inc. (1998).

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RLi	AR	28	Touré, A. et al., "MgcRacGAP, A New Human GTPase-activating Protein for Rac and Cdc42 Similar to <i>Drosophila rotundRacGAP</i> Gene Product, Is Expressed in Male Germ Cells," <i>J. Biol. Chem.</i> 273:6019-6023, The American Society for Biochemistry and Molecular Biology, Inc. (1998).
RLi	AS	28	Vale, R.D. and Fletterick, R.J., "The Design Plan of Kinesin Motors," <i>Annu. Rev. Cell Dev. Biol.</i> 13:745-777, Annual Reviews, Inc. (1997).
RLi	AT	28	Vale, R.D. and Milligan, R.A., "The Way Things Move: Looking Under the Hood of Molecular Motor Proteins," <i>Science</i> 288:88-95, The American Association for the Advancement of Science (April 2000).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RLi	AR	29	Van Aelst, L. and D'Souza-Schorey, C., "Rho GTPases and signaling networks," <i>Genes Dev.</i> 11:2295-2322, Cold Spring Harbor Laboratory Press (1997).
RLi	AS	29	Van de Putte, T. et al., "Mice with a homozygous gene trap vector insertion in <i>mgcRacGAP</i> die during pre-implantation development," <i>Mech. Dev.</i> 102:33-44, Elsevier Science Ireland Ltd. (April 2001).
RLi	AT	29	Waddle, J.A. et al., "Transient localized accumulation of actin in <i>Caenorhabditis elegans</i> blastomeres with oriented asymmetric divisions," <i>Development</i> 120:2317-2328, The Company of Biologists Limited (1994).

EXAMINER	Ruibhang Lin	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 0652.2260001/EKS/AES	APPLICATION NO. 09/881,736
		APPLICANT GLOTZER et al.	
		FILING DATE June 18, 2001	GROUP 1653 1646

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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RLi	AR	30	Watanabe, N. et al., "p140mDia, a mammalian homolog of <i>Drosophila</i> diaphanous, is a target protein for Rho small GTPase and is a ligand for profilin," <i>EMBO J.</i> 16:3044-3056, Oxford University Press (1997).
RLi	AS	30	Wheatley, S.P. and Wang, Y.-l., "Midzone Microtubule Bundles Are Continuously Required for Cytokinesis in Cultured Epithelial Cells," <i>J. Cell Biol.</i> 135:981-989, The Rockefeller University Press (1996).
RLi	AT	30	Wilson, I.A. et al., "The Structure of an Antigenic Determinant in a Protein," <i>Cell</i> 37:767-778, The Massachusetts Institute of Technology (1984).

EXAMINER	Rushing, L.	DATE CONSIDERED	6/2/2004
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

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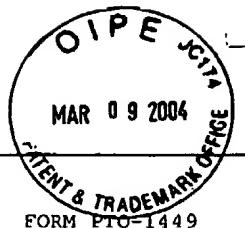
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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RLi	AR	<u>31</u>	Winnacker, E.-L., "Directed Mutagenesis," in <i>From Genes to Clones: Introduction to Gene Technology</i> , Winnacker, E.-L., ed., VCH Verlagsgesellschaft mbH, Weinheim, Germany, pp. 451-481 (1987).
RLi	AS	<u>31</u>	Woppard, A. and Hodgkin, J., "Stu-71air-2 is a <i>C. elegans aurora</i> homologue essential for chromosome segregation during embryonic and post-embryonic development," <i>Mech. Dev.</i> 82:95-108, Elsevier Science Ireland Ltd. (April 1999).
RLi	AT	<u>31</u>	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P01121 (entered July 1986).

EXAMINER	Ruihang Lu	DATE CONSIDERED	6/26/04
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		APPLICANT GLOTZER et al.		
		FILING DATE June 18, 2001	GROUP 1653- 1646	

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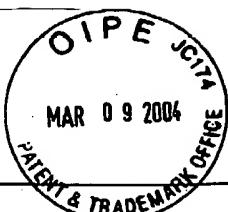
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
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RLI	AR	32	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P06749 (entered January 1988).
RLI	AS	32	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P08134 (entered August 1988).
RLI	AT	32	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P15153 (entered April 1990).

EXAMINER	Ruixiang Lin	DATE CONSIDERED	6/12/2004
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
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RLi	AR	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. P15154 (entered April 1990).
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RLi	AT	33	Swiss Institute of Bioinformatics and the European Bioinformatics Institute, SWISS-PROT report, Accession No. 014658 (entered July 1998).

EXAMINER	<i>Ruthany S</i>	DATE CONSIDERED	<i>6/2/2004</i>
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 0652.2260001/EKS/AES	APPLICATION NO. 09/881,736
	APPLICANT GLOTZER et al.	
	FILING DATE June 18, 2001	GROUP 1653 (646)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
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RLi	AR	34	NCBI Entrez, GenBank Report, Accession No. X67155, Nislow, C. et al. (January 2000).
RLi	AS	34	NCBI Entrez, GenBank Report, Accession No. U61955, The C. elegans Sequencing Consortium (September 2001).
RLi	AT		

EXAMINER	Ruihong Li	DATE CONSIDERED	6/2/2004
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